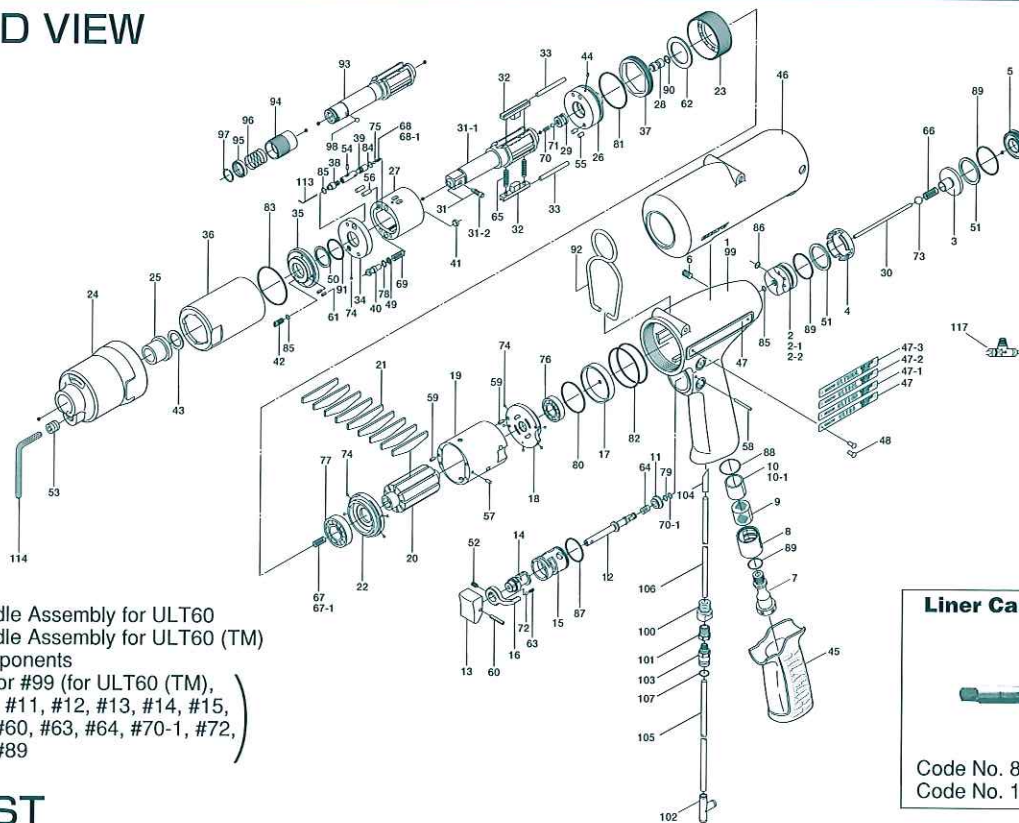


# ULT60 SERIES OIL-PULSE WRENCHES

## EXPLODED VIEW



145-984-6 Handle Assembly for ULT60  
852-511-1 Handle Assembly for ULT60 (TM)  
Components

(#1 (for ULT60) or #99 (for ULT60 (TM)),  
#7, #8, #9, #10, #11, #12, #13, #14, #15,  
#16, #52, #58, #60, #63, #64, #70-1, #72,  
#79, #87, #88, #89

### Liner Casing Assembly



Code No. 891-463-1 for ULT60  
Code No. 145-911-7 for ULT60D

## PARTS LIST

| Index No. | Code No.  | Parts Name                      | Quantity | Index No. | Code No.  | Parts Name                          | Quantity | Index No.                          | Code No.  | Parts Name                         | Quantity |
|-----------|-----------|---------------------------------|----------|-----------|-----------|-------------------------------------|----------|------------------------------------|-----------|------------------------------------|----------|
| # 1       | 18C-025-8 | ○ Handle                        | 1        | #41       | 145-908-7 | Accumulator Cover                   | 1        | #78                                | 990-320-0 | ○ O Ring (ARP568-003)              | 1        |
| # 2       | 145-253-6 | Shut-off Valve Bushing (60/60D) | 1        | #42       | 194-742-0 | Oil Plug                            | 1        | #79                                | 990-306-0 | ○ O Ring (ARP568-004)(H)           | 1        |
| # 2-1     | 145-253-8 | Shut-off Valve Bushing (60L)    | 1        | #43       | 145-327-6 | Anvil Front Spacer                  | 1        | #80                                | 990-327-0 | ○ O Ring (JW1530-18)               | 1        |
| # 2-2     | 145-253-9 | Shut-off Valve Bushing (60DL)   | 1        | #44       | 150-064-5 | Plug                                | 1        | #81                                | 990-329-0 | ○ O Ring (JW1530-19)               | 1        |
| # 3       | 145-254-6 | Shut-off Valve                  | 1        | #45       | 147-842-2 | Handle Cover                        | 1        | #82                                | 990-337-0 | ○ O Ring (JW1530-27)               | 2        |
| # 4       | 145-684-6 | Cushion Spacer                  | 1        | #46       | 145-840-8 | Casing Cover                        | 1        | #83                                | 990-605-0 | ○ O Ring (25X1.45)                 | 1        |
| # 5       | 145-019-6 | Valve Cover                     | 1        | #47       | 145-924-6 | Name Plate (ULT60)                  | 1        | #84                                | 990-621-0 | ○ O Ring (3.8X1.8X1.0)             | 1        |
| # 6       | 150-108-5 | Valve Plug                      | 1        | #47-1     | 145-924-7 | Name Plate (ULT60D)                 | 1        | #85                                | 990-900-0 | ○ O Ring (SNS-2)                   | 3        |
| # 7       | 147-091-2 | ○ Air Inlet Bushing             | 1        | #47-2     | 145-924-8 | Name Plate (ULT60L)                 | 1        | #86                                | 990-901-0 | ○ O Ring (SNS-3)                   | 1        |
| # 8       | 147-780-3 | ○ Exhaust Stack                 | 1        | #47-3     | 145-924-9 | Name Plate (ULT60DL)                | 1        | #87                                | 990-912-0 | ○ O Ring (SNS-14)                  | 1        |
| # 9       | 147-042-2 | ○ Silencer                      | 1        | #48       | 930-205-0 | Pin (No.0 X 2.6)                    | 2        | #88                                | 990-914-0 | ○ O Ring (SNS-16)                  | 1        |
| #10       | 145-835-6 | ○ Filter (K50) (ULT60/60D)      | 1        | #49       | 944-002-0 | Support Ring (2.6X4.5X1)            | 1        | #89                                | 990-916-0 | ○ O Ring (SNS-18)                  | 3        |
| #10-1     | 145-835-8 | Filter (K100) (ULT60L/60DL)     | 1        | #50       | 944-212-0 | Support Ring (12X16X1.5)            | 1        | #90                                | 990-305-0 | ○ O Ring (ARP568-003)              | 1        |
| #11       | 147-100-3 | ○ Valve                         | 1        | #51       | 944-217-0 | Support Ring (14X20X1.8)            | 2        | #91                                | 992-020-0 | SU-Ring (Q12)                      | 1        |
| #12       | 142-104-6 | ○ Valve Rod                     | 1        | #52       | 952-106-0 | ○ Allen Head Dog Point Screw (M4X6) | 1        | #92                                | 174-790-0 | Suspension Ring                    | 1        |
| #13       | 147-107-2 | ○ Valve Lever                   | 1        | #53       | 966-099-0 | Allen Head Plug (NPT1/16)           | 1        | <b>Parts for ULT60D &amp; 60DL</b> |           |                                    |          |
| #14       | 147-210-2 | ○ Reverse Valve                 | 1        | #54       | 970-013-0 | Pin (H) (1.5X4)                     | 1        | #93                                | 145-350-7 | Driver Anvil                       | 1        |
| #15       | 147-211-2 | ○ Reverse Valve Bushing         | 1        | #55       | 970-130-0 | Pin (H) (2.45X4.5)                  | 2        | #94                                | 011-351-1 | Bit Sleeve (1/8)                   | 1        |
| #16       | 480-212-8 | ○ Reverse Lever                 | 1        | #56       | 970-131-0 | Pin (H) (2.45X9.5)                  | 2        | #95                                | 011-352-1 | Bit Spacer                         | 1        |
| #17       | 145-291-7 | Rear Plate Spacer               | 1        | #57       | 971-102-0 | Pin (2X3.8)                         | 1        | #96                                | 976-327-0 | Spring (13.5X11)                   | 1        |
| #18       | 145-285-6 | Rear Plate                      | 1        | #58       | 971-123-0 | ○ Pin (2X23)                        | 1        | #97                                | 978-117-0 | Snap Ring (11.7X1)                 | 1        |
| #19       | 145-286-6 | Cylinder                        | 1        | #59       | 973-008-0 | Roll Pin (2X8)                      | 1        | #98                                | 981-002-0 | Ball (1/8)                         | 1        |
| #20       | 145-287-6 | Rotor                           | 1        | #60       | 973-014-0 | ○ Roll Pin (2X14)                   | 2        | <b>PARTS FOR (TM)-TYPE</b>         |           |                                    |          |
| #21       | 147-288-2 | Blade (PC)                      | 9        | #61       | 973-040-0 | Roll Pin (1.5X5)                    | 2        | #99                                | 852-596-1 | ○ Handle                           | 1        |
| #22       | 145-289-6 | Front Plate                     | 1        | #62       | 975-752-0 | Adjusting Spacer (15X10X1)          | 1        | #100                               | 851-967-1 | Plug                               | 1        |
| #23       | 147-036-2 | Hammer Casing Connector         | 1        | #63       | 976-006-0 | ○ Spring (3X5)                      | 1        | #101                               | 851-955-1 | Connecting Screw                   | 1        |
| #24       | 145-439-7 | Front Casing                    | 1        | #64       | 976-457-0 | ○ Spring (7X12)                     | 1        | #102                               | 909-442-0 | Quick Exhaust (AQ240F-04-00)       | 1        |
| #25       | 190-328-6 | Anvil Bushing                   | 1        | #65       | 976-792-0 | Spring (3.5X21) WPC                 | 2        | #103                               | 933-281-0 | One-Touch Connector (KJH04-M5)     | 1        |
| #26       | 145-901-6 | Rear Liner Plate                | 1        | #66       | 977-056-0 | Cone Spring (4.1X4.7X9.4)           | 1        | #104                               | 935-240-0 | Nylon Tube (18NY)                  | 1        |
| #27       | 145-902-6 | Liner                           | 1        | #67       | 976-650-0 | Spring (3.3X18) [Standard]          | 1        | #105                               | 935-350-0 | Polyurethane Hose (F-1504)         | 1        |
| #28       | 145-546-6 | Piston                          | 1        | #67-1     | 976-662-0 | Spring (3.3X18) [Strong]            | 1        | #106                               | 935-358-0 | Polyurethane Hose (TU-0212)        | 1        |
| #29       | 145-929-6 | Check Valve Cover               | 1        | #68       | 976-636-0 | Spring (2.8X7.4) (ULT60/60L)        | 1        | #107                               | 990-320-0 | ○ O Ring (ARP568-003)              | 1        |
| #30       | 145-130-6 | Operating Rod (2.1X56.9)        | 1        | #68-1     | 976-631-0 | Spring (2.8X7.5) (ULT60D/60DL)      | 1        | <b>ACCESSORIES</b>                 |           |                                    |          |
| #31       | 891-552-1 | Anvil CP (P)                    | 1        | #69       | 976-665-0 | Spring (4.3X19)                     | 1        | #113                               | 939-091-0 | Allen Wrench (1.5)                 | 1        |
| #31-1     | 145-319-6 | Anvil                           | 1        | #70       | 976-653-0 | Spring (2.4X5)                      | 1        | #114                               | 939-105-0 | Allen Wrench (4)                   | 1        |
| #31-2     | 891-300-1 | Socket Pin Assembly             | 1        | #70-1     | 979-405-0 | ○ Outer Snap Ring (E2.5)            | 1        | #115                               | 940-114-0 | Air Hose Nipple (NPT 1/4X3/8)      | 1        |
| #32       | 145-440-6 | Driving Blade                   | 2        | #71       | 981-001-0 | Ball (3/32)                         | 1        | #116                               | 916-810-0 | Double Bit (No.2X75) (ULT60D/60DL) | 1        |
| #33       | 145-974-6 | Roller Pin (2.5X26)             | 2        | #72       | 981-002-0 | ○ Ball (1/8)                        | 1        | #117                               | 909-449-0 | Speed Controller                   | 1        |
| #34       | 145-973-6 | Liner Casing Spacer             | 1        | #73       | 981-003-0 | Ball (5/32)                         | 1        |                                    |           |                                    |          |
| #35       | 145-904-6 | Front Liner Plate               | 1        | #74       | 981-045-0 | Ball (1.5mm)                        | 10       |                                    |           |                                    |          |
| #36       | 145-905-6 | Liner Casing                    | 1        | #75       | 144-270-0 | Pressure Regulator Valve            | 1        |                                    |           |                                    |          |
| #37       | 145-906-6 | Liner Casing Cover              | 1        | #76       | 982-014-0 | Ball Bearing (607)                  | 1        |                                    |           |                                    |          |
| #38       | 145-907-6 | Relief Valve Spindle            | 1        | #77       | 982-902-0 | Ball Bearing (6901)                 | 1        |                                    |           |                                    |          |
| #39       | 145-970-7 | Relief Valve                    | 1        |           |           |                                     |          |                                    |           |                                    |          |
| #40       | 145-972-6 | Accumulator                     | 1        |           |           |                                     |          |                                    |           |                                    |          |

When ordering spare parts, please specify tool type, code number and part name.

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2014.06

OKA-472-14-05-15-1012